

03040205-060

(Rocky Bluff Swamp)

General Description

Watershed 03040205-060 is located in Sumter and Lee Counties and consists primarily of **Rocky Bluff Swamp** and its tributaries. The watershed occupies 55,325 acres of the Upper Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Wagram-Norfolk-Rains series. The erodibility of the soil (K) averages 0.16; the slope of the terrain averages 3%, with a range of 0-6%. Land use/land cover in the watershed includes: 50.7% agricultural land, 22.4% forested land, 15.3% scrub/shrub land, 8.9% forested wetland (swamp), 1.7% urban land, 0.6% water, and 0.4% nonforested wetland (marsh).

Rocky Bluff Swamp accepts drainage from Lee Swamp (Ardis Pond) and flows through Whites Millpond near the City of Sumter. Brunson Branch (Mile Branch, Mulberry Branch) flows into the swamp next, followed by Cowpen Swamp. There are several lakes and ponds in this watershed (totaling 108.3 acres) and a total of 107.1 stream miles. Rocky Bluff Swamp and Lee Swamp are classified FW* (Dissolved oxygen not less than 4.0 mg/l and pH between 5.0 and 8.0) and the remaining streams in the watershed are classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-357	W	FW*	ROCKY BLUFF SWAMP AT US 76

Rocky Bluff Swamp (PD-357) - Aquatic life uses are fully supported. This is a blackwater system, characterized by naturally low dissolved oxygen concentrations. Although dissolved oxygen excursions occurred, they were typical of values seen in blackwater systems and were considered natural, not standards violations. Recreational uses are fully supported.

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

<i>LANDFILL NAME</i>	<i>PERMIT #</i>
<i>FACILITY TYPE</i>	<i>STATUS</i>
SUMTER COUNTY LANDFILL/SHAW CROSS RDS	DWP-091, DWP-053
MUNICIPAL	CLOSED
SUMTER COUNTY C&D LANDFILL	431001-1201 (CWP-001)
CONSTRUCTION	CLOSED

Growth Potential

There is a low potential for growth in this watershed, with the exception of the base of the watershed where a portion of the City of Sumter resides.